We claim:

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1	1. A system for printing time-based media, the system comprising:
2	a media processing system for determining an electronic representation of the
3	time-based media wherein the media processing system resides at least in par
4	on a multimedia printer and at least in part on an external media processing
5	system;
6	the multimedia printer including a housing for supporting an interface for
7	transferring time-based media between the external media processing system
8	and the printer, and for supporting an electronic output system in
9	communication with the media processing system to receive the electronic
10	representation, the electronic output system producing a corresponding
11	electronic output from the electronic representation of the time-based media;
12	and
13	a resource allocation module for determining processing allocation for at least
14	one task among the printer and the external media processing system.

- 2. The system of claim 1, wherein the resource allocation module determines whether the printer resource interacts as a master or as a slave with an external system.
- 3. The system of claim 1, wherein the media processing system determines a printed representation of the time-based media; and the system further comprises a printed output system in communication with the media processing system to receive the printed representation, the printed output system producing a corresponding printed output from the printed representation of the time-based media.
 - 4. The system of claim 1, wherein the external media processing system is

- 2 a remote external service system coupled to the network, the external service system in
- 3 communication with the media processing system for performing at least some
- 4 processing steps for the time-based media.
- The system of claim 1, wherein the external media processing system is an
- 2 external device coupled to the printer network by the Internet.
- 1 6. The system of claim 1, wherein the interface comprises a communication
- 2 interface allowing the system to be communicatively coupled to an electronic device, the
- 3 electronic device providing the time-based media to the system.
- 1 7. The system of claim 1, wherein the interface comprises a removable media
- 2 storage reader.
- 1 8. The system of claim 1, wherein the interface comprises a media input
- device selected from a group consisting of: a DVD reader, a video cassette tape reader, a
- 3 CD reader, an audio cassette tape reader, and a flash card reader.
- 1 9. The system of claim 1, wherein the external source is a media broadcaster,
- 2 and wherein the interface comprises a media broadcast receiver that can be tuned to a
- 3 media broadcast.
- 1 10. The system of claim 1, wherein the interface comprises an embedded
- 2 receiver selected from a group consisting of: an embedded TV receiver, an embedded
- 3 radio receiver, an embedded short-wave radio receiver, an embedded satellite radio
- 4 receiver, an embedded two-way radio, and an embedded cellular phone.
- 1 11: The system of claim 1, wherein the interface comprises an embedded
- 2 device selected from a group consisting of: an embedded heat sensor, an embedded

- 3 humidity sensor, an embedded National Weather Service radio alert receiver, and an
- 4 embedded TV Emergency Broadcast System (EBS) alert monitor.
- 1 12. The system of claim 1, wherein the interface comprises embedded screen
- 2 capture hardware.
- 1 13. The system of claim 1, wherein the interface comprises an ultrasonic pen
- 2 capture device.
- 1 14. The system of claim 1, wherein the interface comprises an embedded
- 2 video recorder, wherein the external source of media is a series of images captured by
- 3 embedded the video recorder, converted into an electrical format, and then provided to
- 4 the media processing system.
- 1 15. The system of claim 1, wherein the interface comprises an embedded
- 2 audio recorder, wherein the external source of media is a series of sounds that are
- 3 converted into an electrical format by the embedded audio recorder and then provided to
- 4 the media processing system.
- 1 16. The system of claim 1, wherein the electronic output system is configured
- 2 to write the electronic representation to a removable media storage device.
- 1 The system of claim 16, wherein the removable storage device is selected
- 2 from a group consisting of: a DVD, a video cassette tape, a CD, an audio cassette tape, a
- flash card, a computer disk, an SD disk, and a computer-readable medium.
- 1 18. The system of claim 1, wherein the electronic output system comprises a
- 2 handling mechanism to accommodate a plurality of removable storage devices.
- 1 19. The system of claim 18, wherein the handling mechanism is selected from
- 2 a group consisting of: a feeder, a bandolier, and a tray.

- 1 20. The system of claim 1, wherein the electronic output system comprises a
- 2 media writer selected from a group consisting of: a disposable media writer and a self-
- 3 destructing media writer.
- 1 21. The system of claim 1, wherein the electronic output system is coupled to
- 2 a speaker system and sends an audio signal to the speaker system.
- 1 22. The system of claim 21, wherein the electronic output system comprises
- 2 an embedded sound player for generating the audio signal.
- 1 23. The system of claim 1, wherein the electronic output system comprises an
- 2 embedded web page display.
- 1 24. The system of claim 1, wherein the media processing system comprises an
- 2 embedded multimedia server.
- 1 25. The system of claim 1, wherein the media processing system comprises an
- 2 embedded audio encryption module.
- 1 26. The system of claim 1, wherein the media processing system comprises an
- 2 embedded video encryption module.
- 1 27. The system of claim 1, wherein the media processing system comprises an
- 2 embedded audio sound localization module.
- 1 28. The system of claim 1, wherein the media processing system comprises an
- 2 embedded video motion detection module.
- 1 29. The system of claim 3, wherein the external media processing system
- 2 includes a user interface that provides information to a user about at least one of the
- 3 printed representation and the electronic representation of the time-based media, the user
- 4 interface further accepting input from a user to cause the media processing system to

5	modify at least one of the printed representation and the electronic representation of the		
6	time-based media.		
1	30.	The system of claim 3, wherein the media processing system determines at	
2	least one of the printed representation and the electronic representation with assistance		
3	from an external media processing system that is an external computing device.		
1	31.	The system of claim 3 wherein the printer further comprises the following	
2	supported by its housing:		
3		an input source for receiving time-based media,	
4		a first output source coupled to the input source, the first output	
5		source producing a printed representation of the time-based	
6		media, and	
7		a second output source coupled to the input source, the second	
.8		output source producing an electronic representation of the	
9		time-based media, the electronic representation of the time-	
10		based media corresponding to the printed representation of	
11		the time-based media; and	
12		a display.	
1	32.	The system of claim 31, wherein the input source comprises a	
2	communication	on interface allowing the printer to be communicatively coupled to an	
3	electronic dev	vice, the electronic device providing the media to the printer.	
1	33.	The system of claim 31, wherein the input source comprises a removable	
2	media storage	reader	

- 1 34. The system of claim 31, wherein the input source comprises a media input
- device selected from a group consisting of: a DVD reader, a video cassette tape reader, a
- 3 CD reader, an audio cassette tape reader, and a flash card reader.
- 1 35. The system of claim 31, wherein the input source comprises a media
- 2 broadcast receiver that can be tuned to a media broadcast.
- 1 36. The system of claim 31, wherein the input source comprises an embedded
- 2 receiver selected from a group consisting of: an embedded TV receiver, an embedded
- 3 radio receiver, an embedded short-wave radio receiver, an embedded satellite radio
- 4 receiver, an embedded two-way radio, and an embedded cellular phone.
- 1 37. The system of claim 31, wherein the input source comprises an embedded
- 2 device selected from a group consisting of: an embedded heat sensor, an embedded
- 3 humidity sensor, an embedded National Weather Service radio alert receiver, and an
- 4 embedded TV Emergency Broadcast System (EBS) alert monitor.
- 1 38. The system of claim 31, wherein the input source comprises embedded
- 2 screen capture hardware.
- 1 39. The system of claim 31, wherein the input source comprises an ultrasonic
- 2 pen capture device.
- 1 40. The system of claim 31, wherein the input source comprises an embedded
- 2 video recorder, wherein the external source of media is a series of images captured by
- 3 embedded the video recorder, converted into an electrical format, and then provided to
- 4 the media processing system.
- 1 41. The system of claim 31, wherein the input source comprises an embedded
- 2 audio recorder, wherein the external source of media is a series of sounds that are

- 3 converted into an electrical format by the embedded audio recorder and then provided to
- 4 the media processing system.
- 1 42. The system of claim 31, wherein the second output source is configured to
- 2 write the electronic representation to a removable media storage device.
- 1 43. The system of claim 42, wherein the removable storage device is selected
- 2 from a group consisting of: a DVD, a video cassette tape, a CD, an audio cassette tape, a
- 3 flash card, a computer disk, an SD disk, and a computer-readable medium.
- 1 44. The system of claim 31, wherein the second output source comprises a
- 2 handling mechanism to accommodate a plurality of removable storage devices.
- 1 45. The system of claim 44, wherein the handling mechanism is selected from
- 2 a group consisting of: a feeder, a bandolier, and a tray.
- 1 46. The system of claim 31, wherein the second output source comprises a
- 2 media writer selected from a group consisting of: a disposable media writer and a self-
- 3 destructing media writer.
- 1 47. The system of claim 31, wherein the second output source is coupled to a
- 2 speaker system and sends an audio signal to the speaker system.
- 1 48. The system of claim 47, wherein the second output source comprises an
- 2 embedded sound player for generating the audio signal.
- 1 49. The system of claim 31, wherein the second output source comprises an
- 2 embedded web page display.

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